

In the Claims:**CLAIMS**

I claim:

Claims 1-14 (Cancelled).

15. (New) A hazard detector comprising means for detecting a hazardous condition and for indicating an alarm upon such detection, and means for modifying the behaviour of the detector during a start-up or test-mode to facilitate commissioning or testing of the detector.

16. (New) The detector of claim 15, wherein the hazardous condition is a hazardous smoke level.

17. (New) The detector of claim 15, wherein the hazardous condition is a hazardous rate of rise in temperature.

18. (New) The detector of claim 17, wherein the hazardous rate of rise in temperature is a rate of temperature rise that is equal to, or exceeds, approximately five degrees over a period of thirty seconds.

19. (New) The detector of claim 15, comprising means for filtering-out transient detections of the hazardous condition during a normal state of operation, the modifying means comprising means for disabling the filtering means during the start-up or test mode.

20. (New) The detector of claim 16, comprising means for filtering-out transient detections of the hazardous condition during a normal state of operation, the modifying means comprising means for disabling the filtering means during the start-up or test mode.

21. (New) The detector of claim 17, comprising means for filtering-out transient detections of the hazardous condition during a normal state of operation, the modifying means comprising means for disabling the filtering means during the start-up or test mode.

22. (New) The detector of claim 18, comprising means for filtering-out transient detections of the hazardous condition during a normal state of operation, the modifying means comprising means for disabling the filtering means during the start-up or test mode.

23. (New) The detector of claim 15, being for connection between positive and negative power lines, the detector having a positive terminal and a negative terminal and being adapted, upon application of power to the power lines, to emit a local indicator signal if the positive and negative terminals of the detector have a correct polarity orientation to the positive and negative lines.

24. (New) The detector of claim 19, being for connection between positive and negative power lines, the detector having a positive terminal and a negative terminal and being adapted, upon application of power to the power lines, to emit a local indicator signal if the positive and negative terminals of the detector have a correct polarity orientation to the positive and negative lines.

25. (New) A hazard detector for connection between positive and negative power lines, the detector having a positive terminal and a negative terminal and being adapted, upon application of power to the power lines, to emit a local indicator signal if the positive and negative terminals of the detector have a correct polarity orientation to the positive and negative lines.

26. (New) The detector of claim 23, comprising an electronic circuit serially-connected to a blocking diode, the blocking diode being connected to either the positive or negative terminal.

27. (New) The detector of claim 24, comprising an electronic circuit serially-connected to a blocking diode, the blocking diode being connected to either the positive or negative terminal.
28. (New) The detector of claim 25, comprising an electronic circuit serially-connected to a blocking diode, the blocking diode being connected to either the positive or negative terminal.
29. (New) The detector of claim 23, wherein the indicator signal is a light signal.
30. (New) The detector of claim 29, wherein the indicator signal is a flashing light signal with repetitive on/off cycle.
31. (New) The detector of claim 30, wherein the period of the on/off cycle is approximately one second.
32. (New) The detector of claim 30, wherein the flashing light signal is produced by a light-emitting diode (LED) that forms part of the electronic circuit.
33. (New) The detector of claim 32, wherein the LED is red-coloured.
34. (New) The detector of claim 23, wherein the detector is in a test mode when it is emitting the local indicator signal.